

WHAT IS CLAIMED IS:

1. A method of extracting sparingly soluble organic contaminants from a water or gas stream comprising the steps of:
 - (a) passing said contaminant stream through hydrophilic polyurethane and thereby removing said contaminants; and
 - (b) regenerating said hydrophilic polyurethane when it becomes saturated with contaminant;
2. A method of extracting sparingly soluble aromatic components from an air stream comprising contacting said air stream with hydrophilic polyurethane..
3. A method of extracting fabric dye contained in clothes wash water comprising contacting said wash water with hydrophilic polyurethane.
4. A method of extracting sparingly soluble organic contaminants from a water or gas stream comprising the steps of:
 - (a) passing said contaminated stream through a composite comprising an open cell hydrophobic polyurethane foam, said hydrophobic foam having a plurality of surfaces defining a plurality of pores and having a coating of a substantially open cell hydrophilic polyurethane foam disposed upon said plurality of surfaces of the pores of said hydrophobic polyurethane foam and thereby removing said contaminants; and
 - (b) regenerating said composite when it becomes saturated with contaminants.
5. A method of extracting sparingly soluble aromatic components from an air stream comprising contacting said air stream with an open cell hydrophobic polyurethane foam, said hydrophobic polyurethane foam having a plurality of surfaces defining a plurality of pores and having a coating of a substantially open cell hydrophilic polyurethane foam disposed upon said plurality of surfaces of the pores of said hydrophobic polyurethane foam.

6. A method of extracting fabric dye contained in clothes wash water comprising contacting said wash water with an open cell hydrophobic polyurethane foam, said hydrophobic polyurethane foam having a plurality of surfaces defining a plurality of pores and having a coating of a substantially open cell hydrophilic polyurethane foam disposed upon said plurality of surfaces of the pores of said hydrophobic polyurethane foam.